# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ommissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Examiner:

Re:

Our file:

9149/2/1

Group Art Unit: 1751

Applicant:

Brian F. Conaghan, Paul H. Kydd and David L. Richard

Serial No.:

10/766,288

Filing Date:

1/26/04

Title:

High Conductivity Inks With Low Minimum Curing Temperatures

Sir:

Enclosed for filing in the United States Patent and Trademark Office is the following:

- 1. Transmittal of Information Disclosure Statement
- 2. Form PTO-1449
- Copies of references from Form PTO-1449 3.
- Transmittal Sheet 4.
- Postcard Receipt 5.

# **CONDITIONAL PETITION**

If any extension of time is required for the submission of the above-identified items, Applicant requests that this be considered a petition therefor. Please charge any additional charges or any other charges relating to this matter to the deposit account of the writer, Account No. 06-**2143**. A duplicate copy of this letter is enclosed.

Respectfully submitted

enc.

Michael R. Friscia

Registration No. 33,884

Wolff & Samson PC

One Boland Drive

West Orange, NJ 07052

Tel: (973) 530-2024 Fax: (973) 530-2224

I hereby certify that this correspondence is being deposited with the United States Postal Service, First Class Mail, postage prepaid, to Commissioner for Patents, P.O. Box 1450, Alexandria,

VA 22313-1450 on 7/9/04

Janelle Fava

TRA	NSMITTAL OF INFORMATION DISCLOSURE ST (Under 37 CFR 1 97(b) or 1.97(c))	111	cket No. 49/2/1											
In Re A	pplication Of: Brian F Conaghan, Paul F. Kydd and David I	Richard												
	cation No. Filing Date Examiner		Group Art Unit	Confirmation No.										
	10/766,288 01/26/04 20694 1751  Title: High Conductivity Inks With Low Minimum Curing Temperatures													
ride.	Tide. Algh Conductivity links with Low Minimum Curing Temperatures													
	Address to:  Commissioner for Patents  P.O. Box 1450  Alexandria, VA 22313-1450													
	37 CFR 1.97(b)													
1. 🛚	• •													
	37 CFR 1.97(c)													
2. <b>.</b>	The Information Disclosure Statement submitted herewith is CFR 1.97(b), provided that the Information Disclosure State Final Action under 37 CFR 1.113, a Notice of Allowance otherwise closes prosecution in the application, and is accommodated to the company of	ement is filed be under 37 CFR	efore the mailing	date of a										
	☐ the statement specified in 37 CFR 1.97(e);													
	OR													
	☐ the fee set forth in 37 CFR 1.17(p).													
				;										

TRANSMITT	AL OF INFORMA (Under 37 CF)	TION DISCLOS		TEMENT		cket No. 49/2/1					
In Re Applicatio	n: Brian F. Conagl	han, Paul Ic Kydd ar	nd David L.	Richard							
Application No.	Filing Date	Examiner	-	Customer No.	Group Art Unit	Confirmation No.					
10/766,288 01/26/04 20694 1751											
High Conductivity Inks With Low Minimum Curing Temperatures											
	(Only con	Payme	ent of Fee	oe set forth in 37	CER 1 17(n))						
□ A check in the amount of is attached. □ The Director is hereby authorized to charge and credit Deposit Account No. as described below. □ Charge the amount of □ Credit any overpayment. □ Charge any additional fee required.  Certificate of Transmission by Facsimile*  Certificate of Mailing by First Class Mail    Certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No.  (Date)    Certificate of Mailing by First Class Mail    Certify that this document and fee is being deposited on with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.											
Typed or I	Printed Name of Person Sign	ning Certificate	Janelle Fava  Typed or Printed Name of Person Mailing Certificate								
*This certificate may only be used if paying by  Michael R. Friscia Registration No. 33,884 Wolff & Samson PC One Boland Drive West Orange, NJ 07052 Tel: (973) 530-2024 Fax: (973) 530-2224  CC:											

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)
JUL 1 2 2004

Docket Number (Optional)

9149/2/1

Application Number

\_\_\_\_

10/766,288

1751

Applicant(s)

Brian F. Conaghan, Paul H. Kydd and David L. Richard

Filing Date

01/26/04

Group Art Unit

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	6,379,745	04/30/2002	Kydd, et al.	427	96	08/20/1999
	2	6,372,158	04/16/2002	Hashimoto, et al.	252	514	10/26/2000
•	3	6,322,620	11/27/2001	Xiao	106	31.92	11/16/2000
	4	6,274,412	08/14/2001	Kydd, et al.	438	149	12/21/1999
	5	6,214,527	04/10/2001	Kosaka, et al.	430	319	12/28/1998

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6	US 2002/0195934 A1	12/26/2002	Bush, et al.	313	509	07/15/2002
						_	

### FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER DAT	DATE	DATE COUNTRY	CLASS	SUBCLASS	Translation	
	KD.	Bocomen None		·	CLASS	SOBELASS	YES	NO
	7	WO 01/45935 A1	06/2001	United States			<	
-	8	WO 99/45077	09/1999	The Netherlands			<b>&gt;</b>	
÷	9	WO 99/16601	04/1999	United States			>	
	10	JP 63-278983	11/1988	Japan				>

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DATE CONSIDERED

Docket Number (Optional) **Application Number** 9149/2/1 10/766,288 Applicant(s) Brian F. Conaghan, Paul H. Kydd and David L. Richard

		(Use several sheets if necessal	עכי		Brian F. Conagnan			· Idenaid	
					Filing Date 01/26/04		Group Art Unit	1751	
			U.S	. PATENT	DOCUMENTS				
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	
	11	6,156,237	12/05/2000	Kubota	, et al.	252	512	01/19/20	000
	12	6,153,348	11/28/2000	Kydd, e	t al.	430	119	08/06/1999	
	13	6,143,356	11/07/2000	Jablons	ki	427	96	08/06/19	99
	14	6,036,889	03/14/2000	Kydd		252	512	03/03/19	98
	15	6,017,634	01/25/2000	Capote,	et al.	428	414	01/23/19	98
			U.S. PATENT	T APPLICA	TION PUBLICATIONS				
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	
-									
			FORE	IGN PATE	NT DOCUMENTS				
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	lation
								TES	NO
•									
		<del></del>							
		<u> </u>	OTHER D	OCUMEN	TS (Including Aut	hor, Title, Date, P	ertinent Pages, E	tc.)	
			7						<u>, 1, - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - </u>
EXAMINE	R				DATE CONSIDERED				
		al if citation considered, whether c			ce with MPEP Section 609	9; Draw line throu	igh citation if no	t in conform	ance and

Form PTO-A820 (also form PTO-1449)

(Use several sheets if necessary)

Docket Number (Optional) Application Number 9149/2/1 10/766,288 Applicant(s)

Brian F. Conaghan, Paul H. Kydd and David L. Richard Filing Date

Group Art Unit

01/26/04 1751

U.S. PATENT DOCUMI	INTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	16	5,985,456	11/16/1999	Zhou, et al.	428	414	09/09/1997	
	17	5,985,043	11/16/1999	Zhou, et al.	148	24	07/21/1997	
	18	5,882,722	03/16/1999	Kydd	427	123	07/12/1995	
	19	5,853,622	12/29/1998	Gallagher, et al.	252	512	08/28/1996	
	20	5,830,389	11/03/1998	Capote, et al.	252	512	10/17/1994	

#### U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

# FOREIGN PATENT DOCUMENTS

	REF	REF DOCUMENT NUMBER	DATE CO	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
•				,				
3								
		, ,						
•								

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Use several sheets if necessary)

Docket Number (Optional)
9149/2/1
Application Number
10/766,288
Applicant(s)
Brian F. Conaghan, Paul H. Kydd and David L. Richard

		01/26/04					Group Art Unit 1751				
U.S. PATENT DOCUMENTS											
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME			CLASS	SUBCLASS	FILING IF APPRO		
	21	5,814,248	09/29/1998	Tani, et al.			252	512	05/19/1997		
	22	5,376,403	12/27/1994	Capote, et al.			427	96	10/01/19	91	
	23	5,286,415	02/15/1994	Buckley, et al. 252 502				502	12/28/1992		
	24	4,921,623	05/01/1990	Yamaguchi, et al. 252 512				07/21/19	88		
	25	4,499,010	02/12/1985	Tanino,	et al.		252	512	03/02/1983		
U.S. PATENT APPLICATION PUBLICATIONS											
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME			CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
		·									
		·									
			FORE	IGN PATE	NT DOCUMEN	ГS					
	REF	DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	Translation YES NO			
9											
•											
			1		· · · · · · · · · · · · · · · · · · ·						
			OTHER D	OCUMEN'	TS (Incli	uding Author,	Title, Date, F	Pertinent Pages, E	(c.)		
EXAMINE	R		<del></del> -		DATE CONSII	DERED					
		al if citation considered, whether clude copy of this form with next			ce with MPEP S	ection 609; Di	raw line thro	ugh citation if not	in conform	ance and	

Form PTO-A820 (also form PTO-1449)

(Use several sheets if necessary)

Docket Number (Optional)
9149/2/1
Application Number
10/766,288
Applicant(s)
Brian F. Conaghan, Paul H. Kydd and David L. Richard

					01/26/04			Group Art Unit 1751			
U.S. PATENT DOCUMENTS											
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME			CLASS	SUBCLASS		FILING DATE IF APPROPRIATE	
-	26	4,371,459	02/01/1983	Nazarenko			252	514	12/17/1981		
	27	4,289,534	09/15/1981	Deffeyes.	, et al.		106	1.14	07/30/19	79	
	28	4,186,244	01/29/1980	Deffeyes, et al. 428 570				05/03/1977			
	29	6,743,319	06/01/2004	Kydd 156 230				10/04/2002			
	30	5,011,758	04/30/1991	Detig, et	al.		430	100	07/31/1989		
U.S. PATENT APPLICATION PUBLICATIONS											
*EXAMINER INITIAL	I DEE I DOCUMENT MIMBED		DATE	NAME			CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
·											
·			FORE	IGN PATEN	T DOCUMEN	TS	<b>1.</b> .	1			
	REF	DOCUMENT NUMBER	DATE	COUNTRY			CLASS	SUBCLASS	Trans	slation NO	
									1.00	110	
•											
•											
					-						
			OTHER D	OCUMENT	S (Inc	luding Author,	Title, Date, F	Pertinent Pages, Et	c.)		
					<u>.</u>		<u></u>				
EXAMINE	R			1	DATE CONSI	DERED					
EXAMINEI not consider	R: Initia	al if citation considered, whether clude copy of this form with next	or not citation is in	conformance	e with MPEP S	Section 609; D	raw line thro	ugh citation if not	in conform	ance and	

_					ATTY DOCKET NO.	APPLICATION NO.				
	INIE	ORMATION DISCLOSUR	9149/2/ APPLICANT(S)	10/766,288						
	шт	(Use several sheets if nece			Brian F. Conaghan	ld and David L. Richard				
					FILING DATE 01/26/0		GROUP ART UNIT 1751			
			Ų	J.S. PATEN	T DOCUMENTS					
*EXAMINER	_	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE  IF APPROPRIATE		
INTERE	31	3,454,518	07/08/1969	Kelly		260	31.4	04/25/1967		
	_				***************************************					
								<del> </del>		
								<del>                                     </del>		
			U.S. PATE	NT APPLIC	CATION PUBLICATIONS	<u> </u>				
*EXAMINER	DOCUMENT NUMBER		DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	1	_	FOF	REIGN PAT	ENT DOCUMENTS			<del></del>		
		DOCUMENT NUMBER	DATE		COUNTRY		SUBCLASS	TRANS YES	NO NO	
•,										
•										
								<u> </u>		
		OTHER DOCUM	MENTS (Includ	ing Autho	r, Title, Date, Pertine	ent Pages, Etc.	)			
					•					
EXAMINE	R	<u> </u>			DATE CONSIDERED					
		tial if reference considered, whe			mance with MPEP 609; [	Draw line through	citation if not in o	conformance	and not	

Form PTO-A820 (also form PTO-1449)

P09C/REV04 Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE